



Parameterizations of Depositional Growth of Cloud Ice in a Bulk Microphysical Scheme

NASA Technical Reports Server (NTRS), et al., Scott A. Braun

**DOWNLOAD**



## Parameterizations of Depositional Growth of Cloud Ice in a Bulk Microphysical Scheme

By Scott A. Braun

BiblioGov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 24 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. The conversion of cloud ice to snow by depositional growth, designated  $P_{SFI}$ , in the Goddard Cumulus Ensemble Model cloud physics parameterization is examined. The original formulation of  $P_{SFI}$  is shown to produce excessive conversion of cloud ice to snow because of an implicit assumption that the relative humidity is 100 with respect to water even though the air may actually be quite less humid. Two possible corrections to this problem are proposed, the first involving application of a relative humidity dependent correction factor to the original formulation of  $P_{SFI}$ , and the second involving a new formulation of  $P_{SFI}$  based on the equation for depositional growth of cloud ice. This item ships from La Vergne, TN. Paperback.



**READ ONLINE**

[ 8.09 MB ]

### Reviews

*This book is really gripping and intriguing. It is written in easy words and never confusing. You can expect to like the way the blogger create this pdf.*

-- **Summer Jacobson**

*This composed ebook is wonderful. I could comprehend almost everything out of this composed e ebook. You may like just how the blogger publish this ebook.*

-- **Dr. Cesar Marquardt Jr.**

## Other eBooks

---



### Kindle Fire Tips And Tricks How To Unlock The True Power Inside Your Kindle Fire

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 52 pages. Dimensions: 9.0in. x 6.0in. x 0.1in. Still finding it getting your way around your Kindle Fire Wish you had the answers to all your frequently asked...



### Yearbook Volume 15

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 58 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without...



### When Santa Claus Prayed

Xulon Press. Paperback. Book Condition: New. Paperback. 28 pages. Dimensions: 9.0in. x 8.1in. x 0.3in. Dad, you're wrong about Santa Claus! I can't sit on baby Jesus' lap or even see him! I can't send letters to Jesus! Santa Claus is the star...



### Molly on the Shore, BFMS 1 Study score

Petrucci Library Press. Paperback. Book Condition: New. Paperback. 26 pages. Dimensions: 9.7in. x 6.9in. x 0.3in. Percy Grainger, like his contemporary Bela Bartok, was intensely interested in folk music and became a member of the English Folk-Song Society soon after his arrival in...



### Memoirs of Robert Cary, Earl of Monmouth

BiblioLife. Paperback. Book Condition: New. This item is printed on demand. Paperback. 142 pages. Dimensions: 8.0in. x 5.0in. x 0.3in. The Author of the Memoirs. The Memoirs here presented to the reader may be said to combine every interest which can attach to...



### Aeschylus

BiblioLife. Paperback. Book Condition: New. This item is printed on demand. Paperback. 260 pages. Dimensions: 8.0in. x 5.0in. x 0.6in. This Translation of Aeschylus, an entirely new one, is designed as an Appendix to my edition of that Poet in the Bibliotheca...